

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020743.D
 Acq On : 27 Dec 2024 16:44
 Operator : SY/MD
 Sample : P5318-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-06-122024

Quant Time: Dec 28 03:05:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

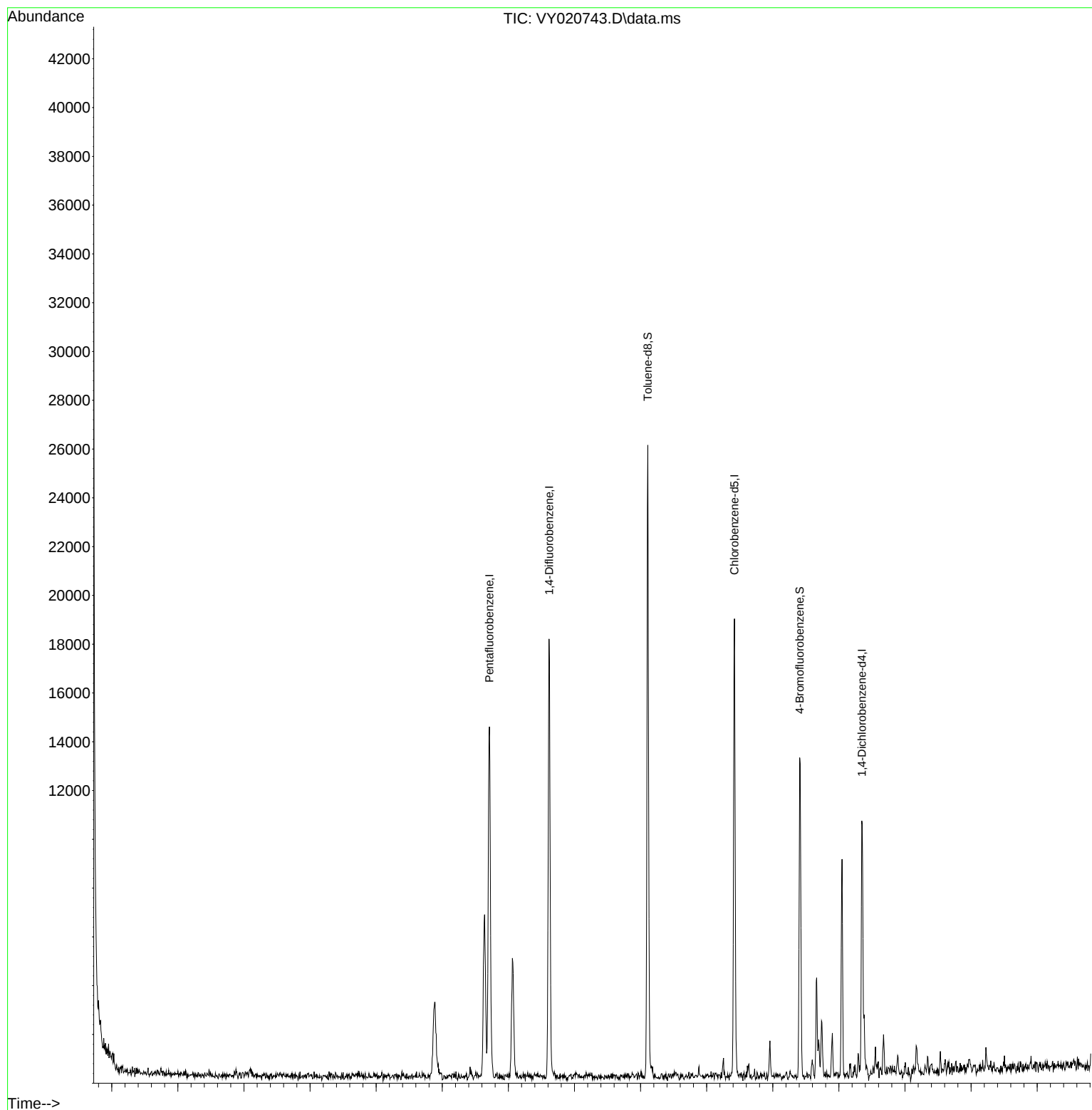
Internal Standards						
1) Pentafluorobenzene	7.713	168	12108	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	16387	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	11087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	3162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	4549	45.868	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.740%		
35) Dibromofluoromethane	7.640	113	4835	53.566	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.140%		
50) Toluene-d8	10.109	98	17278	48.201	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.400%		
62) 4-Bromofluorobenzene	12.408	95	4075	33.971	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	67.940%		
Target Compounds						
						Qvalue
68) m/p-Xylenes	11.633	106	211	1.458	ug/l	98
69) o-Xylene	11.957	106	442	3.196	ug/l	81
78) n-propylbenzene	12.597	91	849	3.458	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1058	5.797	ug/l	95
84) 1,2,4-Trimethylbenzene	13.048	105	4995	28.123	ug/l	100
86) p-Isopropyltoluene	13.298	119	613	2.994	ug/l	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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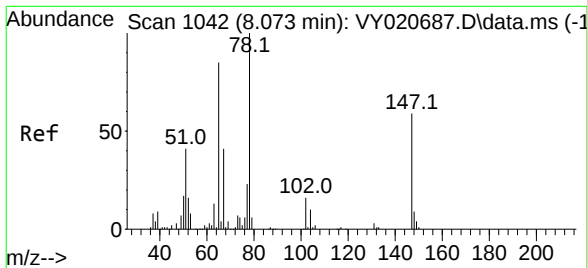
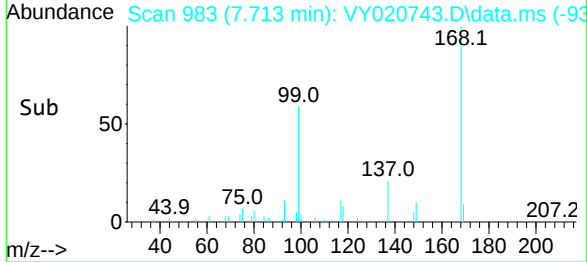
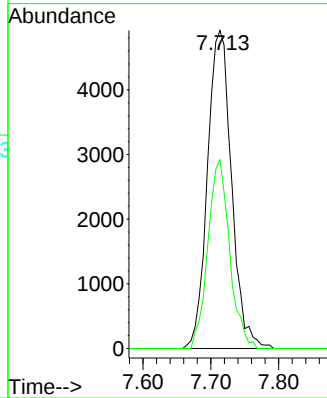
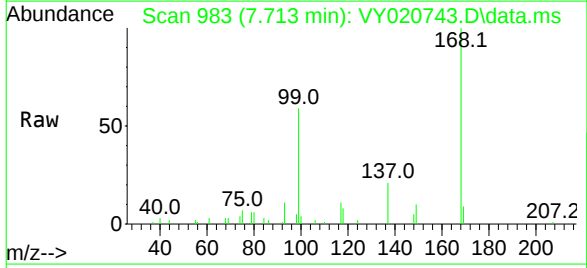




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020743.D
Acq: 27 Dec 2024 16:44

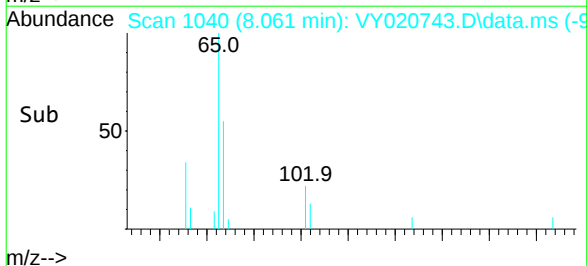
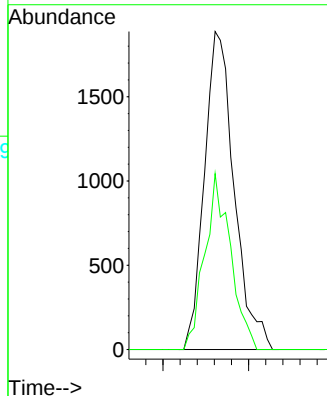
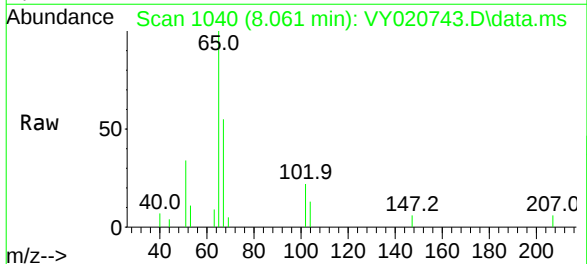
Instrument :
MSVOA_Y
ClientSampleId :
AU-06-122024

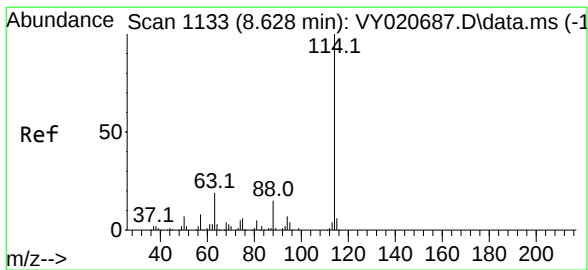
Tgt Ion:168 Resp: 12108
Ion Ratio Lower Upper
168 100
99 59.3 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 45.868 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020743.D
Acq: 27 Dec 2024 16:44

Tgt Ion: 65 Resp: 4549
Ion Ratio Lower Upper
65 100
67 48.0 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020743.D

Acq: 27 Dec 2024 16:44

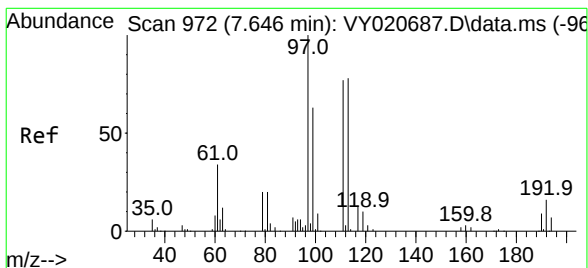
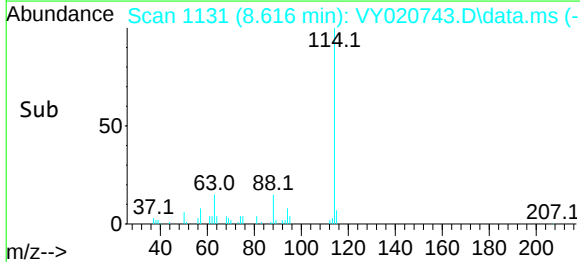
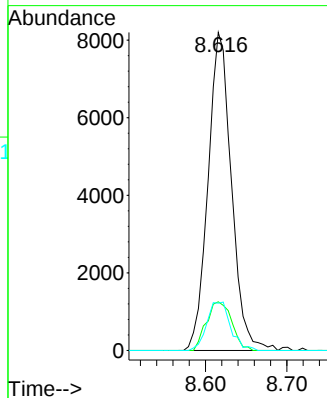
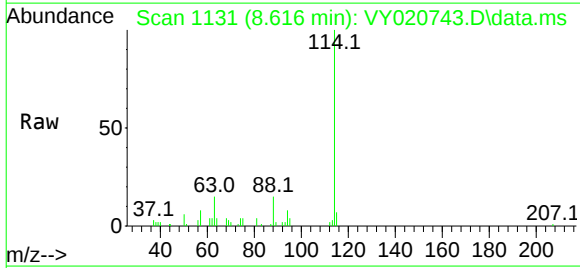
Instrument :

MSVOA_Y

ClientSampleId :

AU-06-122024

Tgt Ion:	114	Resp:	16387
Ion	Ratio	Lower	Upper
114	100		
63	15.3	0.0	38.4
88	14.9	0.0	30.4



#35

Dibromofluoromethane

Concen: 53.566 ug/l

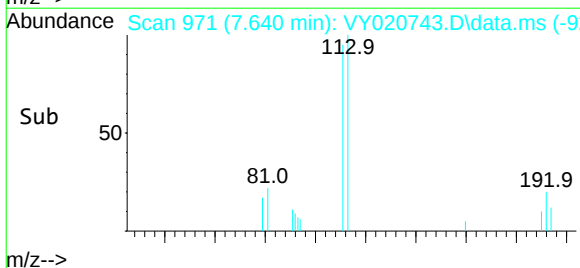
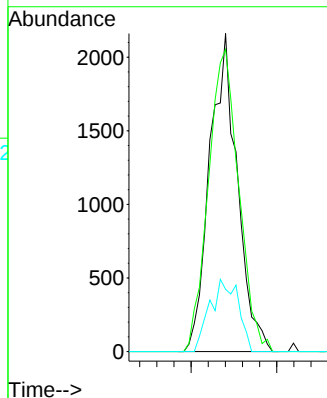
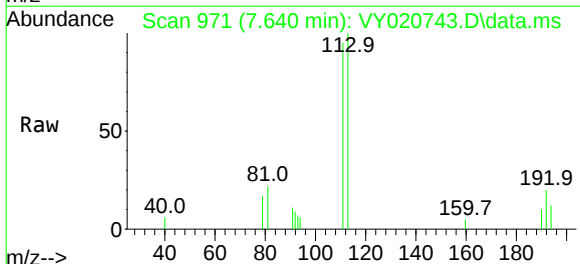
RT: 7.640 min Scan# 971

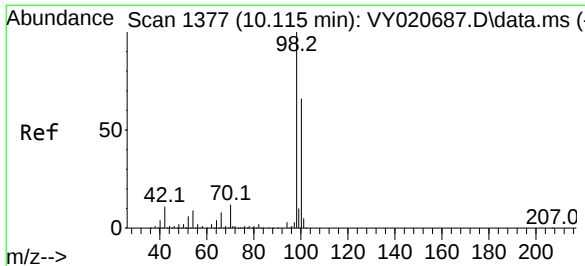
Delta R.T. -0.006 min

Lab File: VY020743.D

Acq: 27 Dec 2024 16:44

Tgt Ion:	113	Resp:	4835
Ion	Ratio	Lower	Upper
113	100		
111	104.7	79.8	119.8
192	23.3	17.0	25.6





#50

Toluene-d8

Concen: 48.201 ug/l

RT: 10.109 min Scan# 1377

Delta R.T. -0.006 min

Lab File: VY020743.D

Acq: 27 Dec 2024 16:44

Instrument :

MSVOA_Y

ClientSampleId :

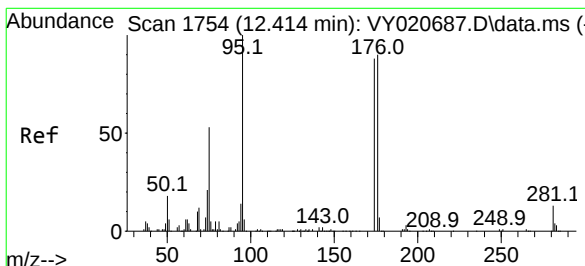
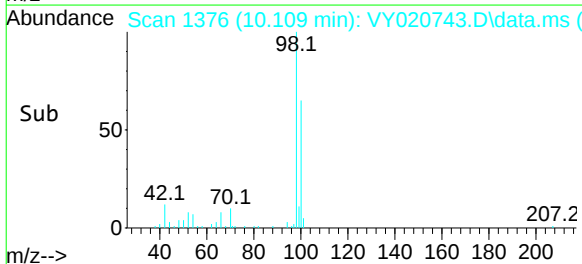
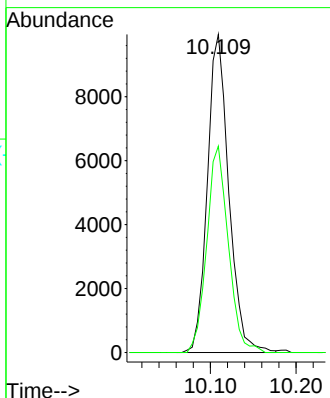
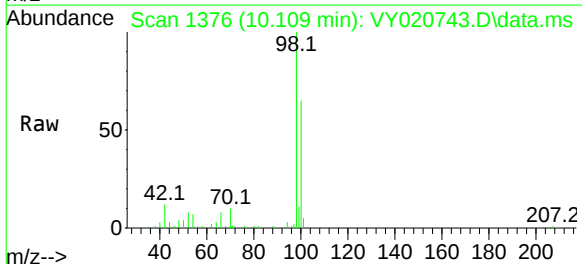
AU-06-122024

Tgt Ion: 98 Resp: 17278

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 33.971 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020743.D

Acq: 27 Dec 2024 16:44

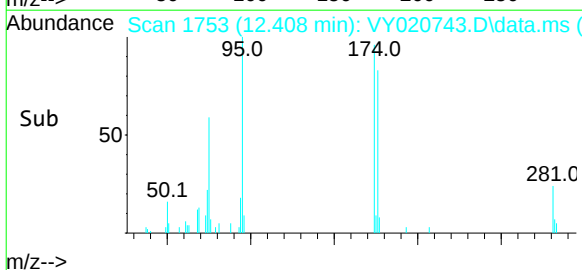
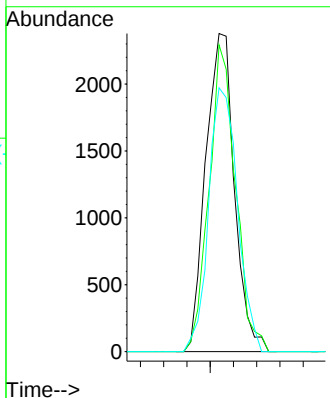
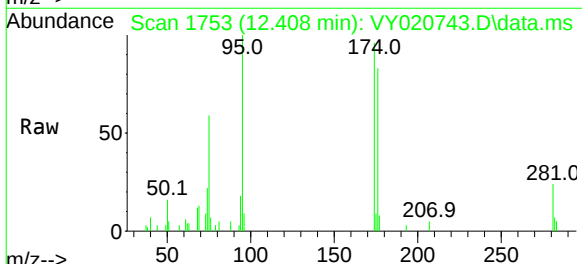
Tgt Ion: 95 Resp: 4075

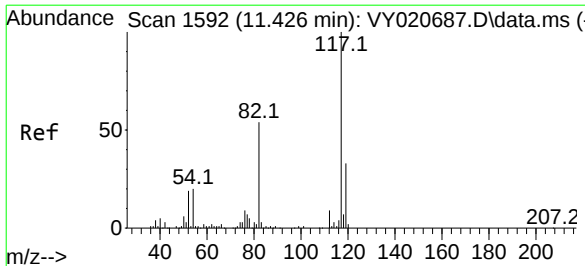
Ion Ratio Lower Upper

95 100

174 89.4 0.0 179.2

176 83.5 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1592

Delta R.T. -0.006 min

Lab File: VY020743.D

Acq: 27 Dec 2024 16:44

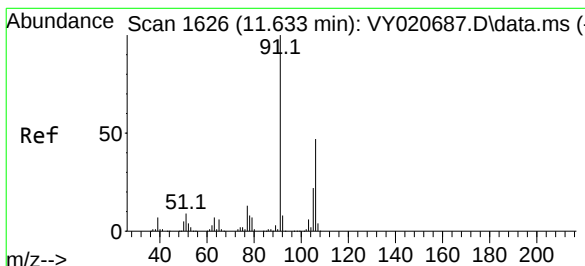
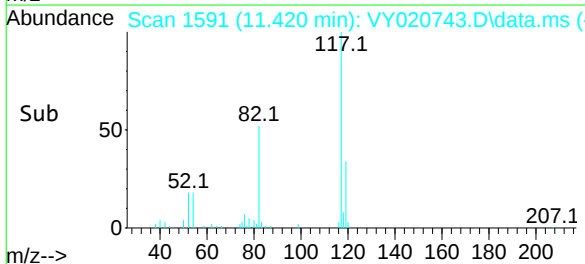
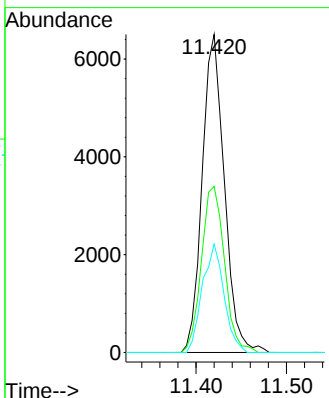
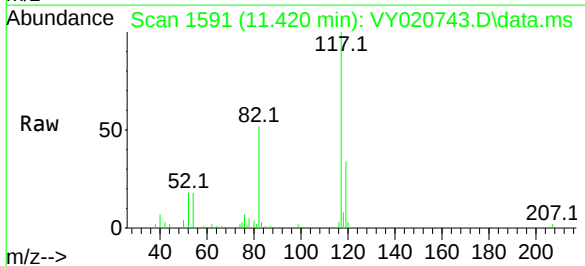
Instrument :

MSVOA_Y

ClientSampleId :

AU-06-122024

Tgt Ion:	117	Resp:	11087
Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.4	65.2
119	34.1	26.6	39.8



#68

m/p-Xylenes

Concen: 1.458 ug/l

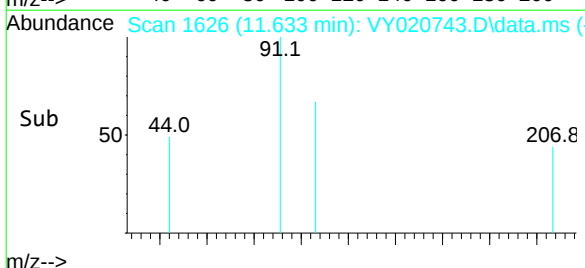
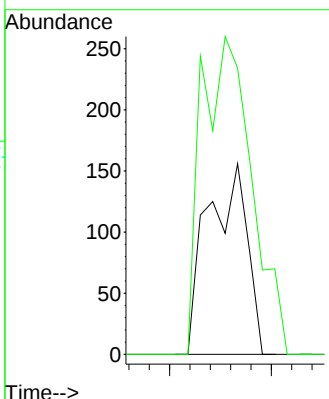
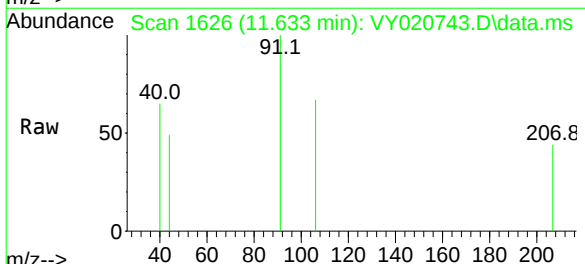
RT: 11.633 min Scan# 1626

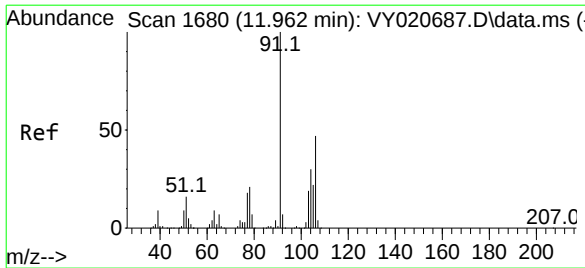
Delta R.T. 0.000 min

Lab File: VY020743.D

Acq: 27 Dec 2024 16:44

Tgt Ion:	106	Resp:	211
Ion	Ratio	Lower	Upper
106	100		
91	210.9	166.6	250.0





#69

o-Xylene

Concen: 3.196 ug/l

RT: 11.957 min Scan# 16

Delta R.T. -0.005 min

Lab File: VY020743.D

Acq: 27 Dec 2024 16:44

Instrument :

MSVOA_Y

ClientSampleId :

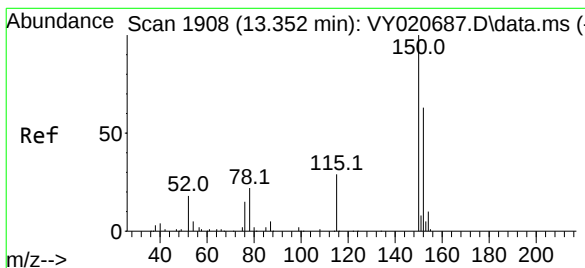
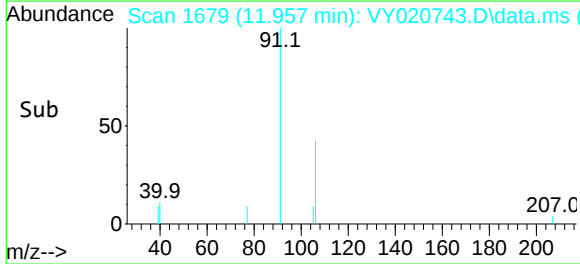
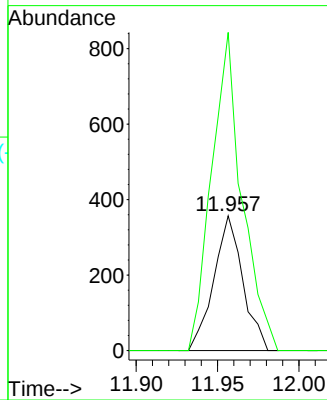
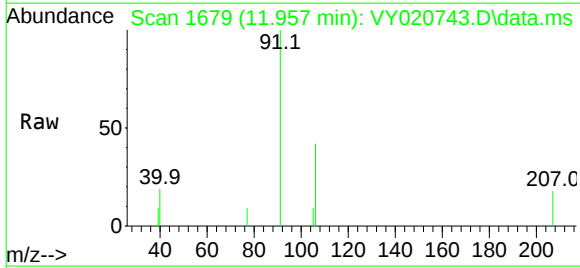
AU-06-122024

Tgt Ion:106 Resp: 442

Ion Ratio Lower Upper

106 100

91 248.0 108.6 325.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.005 min

Lab File: VY020743.D

Acq: 27 Dec 2024 16:44

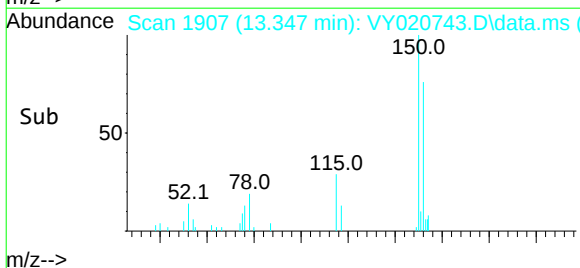
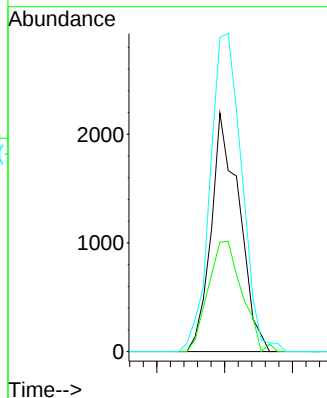
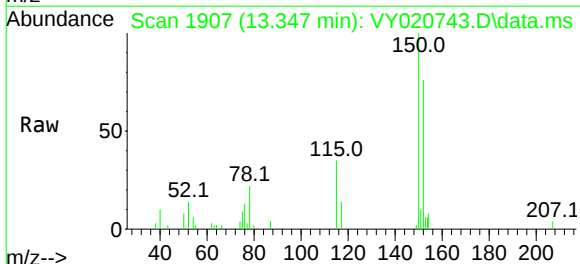
Tgt Ion:152 Resp: 3162

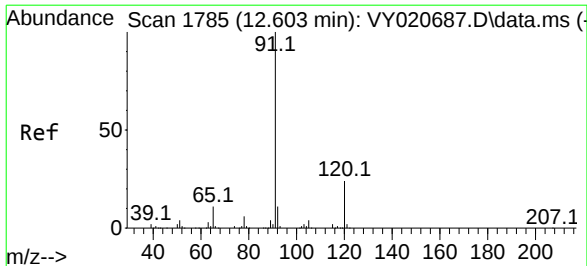
Ion Ratio Lower Upper

152 100

115 55.6 30.3 90.9

150 150.0 0.0 349.0





#78

n-propylbenzene

Concen: 3.458 ug/l

RT: 12.597 min Scan# 17

Delta R.T. -0.006 min

Lab File: VY020743.D

Acq: 27 Dec 2024 16:44

Instrument :

MSVOA_Y

ClientSampleId :

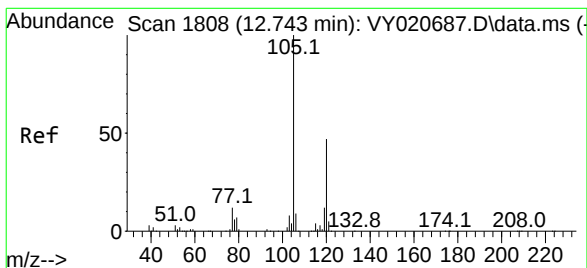
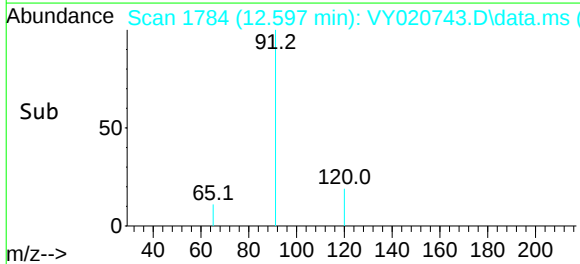
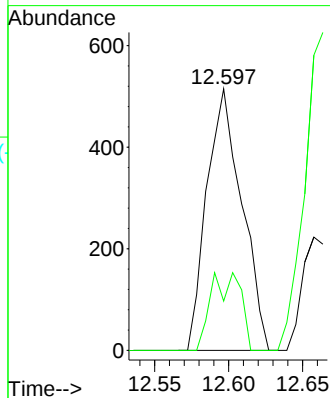
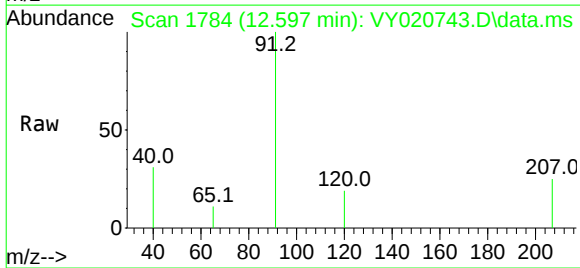
AU-06-122024

Tgt Ion: 91 Resp: 849

Ion Ratio Lower Upper

91 100

120 25.0 12.3 36.8



#80

1,3,5-Trimethylbenzene

Concen: 5.797 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY020743.D

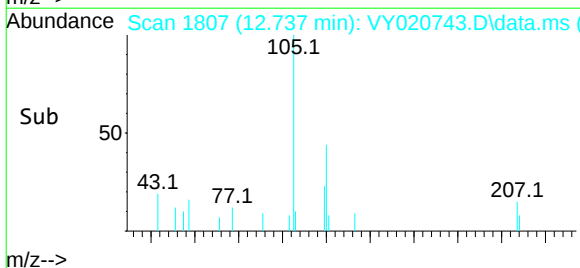
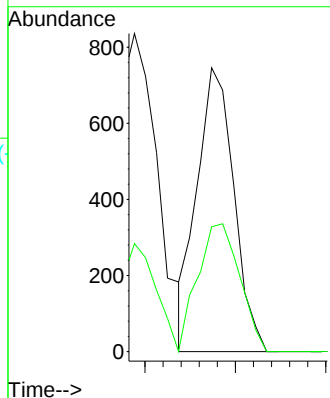
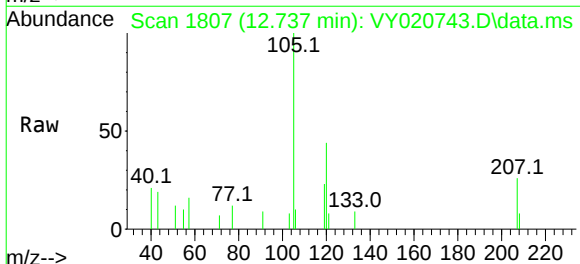
Acq: 27 Dec 2024 16:44

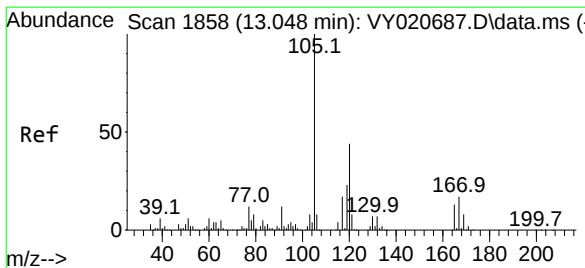
Tgt Ion: 105 Resp: 1058

Ion Ratio Lower Upper

105 100

120 51.4 23.9 71.7





#84

1,2,4-Trimethylbenzene

Concen: 28.123 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY020743.D

Acq: 27 Dec 2024 16:44

Instrument :

MSVOA_Y

ClientSampleId :

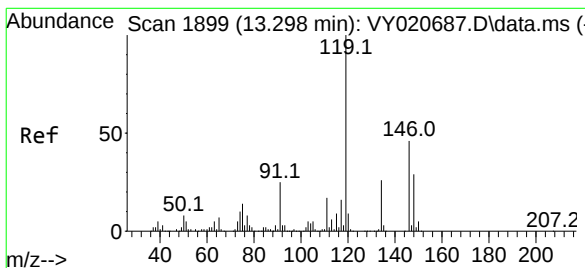
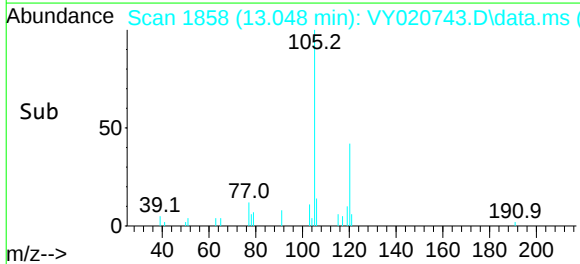
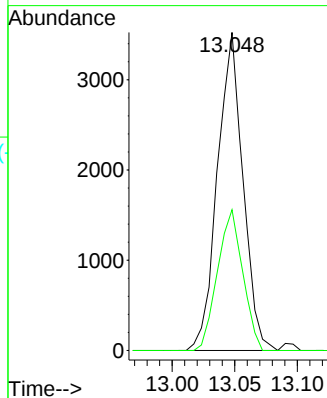
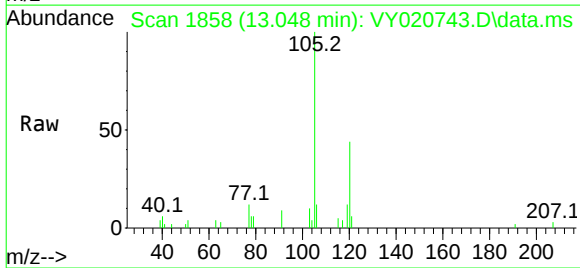
AU-06-122024

Tgt Ion:105 Resp: 4995

Ion Ratio Lower Upper

105 100

120 43.7 21.8 65.3



#86

p-Isopropyltoluene

Concen: 2.994 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020743.D

Acq: 27 Dec 2024 16:44

Tgt Ion:119 Resp: 613

Ion Ratio Lower Upper

119 100

134 21.0 13.4 40.2

91 23.0 12.9 38.6

